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FACSIMILE TRANSMISSION COVER SHEET

Date: July 28, 2003
Time: 12:35 PM
From: Thomas T. Aquilla
To: Examiner Georgia L. Helmer
Re: Office Action Reply for 09/810,861
Facsimile #: 703-872-9306
Phone Code: 1335

Number of Pages (including this cover sheet): 21 23 TTA

Faxed with this cover sheet is the following:

Office Action Reply for 09/810,861, with Petition and Fee for Extension of Time

CERTIFICATE OF FACSIMILE TRANSMISSION

FACSIMILE NO: 703-872-9306

DATE: 7/28/2003

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Thomas T. Aquilla
Thomas T. Aquilla

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

July 28, 2003

In Re application of: Tsafrir S. Mor *et al.*
Serial No: 09/810,861
Filed: March 16, 2001
For: **EXPRESSION OF RECOMBINANT HUMAN
ACETYLCHOLINESTERASE IN TRANSGENIC PLANTS**
Art Unit: 1638
Attorney Docket Number: BTI-45

RESPONSE TO OFFICE ACTION

In response to the Office Action dated February 27, 2003, please amend the above-identified application as follows:

In the Claims:

Pursuant to 37 C.F.R. § 1.121(c)(1), the amendment of claims 2, 4-6, and 13 is hereby made by the below rewriting of said claims, in clean form, with all changes included. Pursuant to 37 C.F.R. § 1.121(c)(1)(ii), please find attached hereto one or more pages, marked up to show all changes relative to the previous version of each claim so amended.

Please rewrite claims 2, 4-6, and 13 to read, in their entireties:

2. (Amended) A tissue culture of regenerable cells derived from the plant cell of claim 1, wherein said tissue culture comprises one or more cells that include a polynucleotide encoding a human acetylcholinesterase.
4. (Amended) A seed derived from the plant of claim 3, wherein said seed comprises one or more cells that include a polynucleotide encoding a human acetylcholinesterase.
5. (Amended) Pollen derived from the plant of claim 3, wherein said pollen comprises one or more cells that include a polynucleotide encoding a human acetylcholinesterase.

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Thomas T. Aquilla	